

FORTHCOMING PUBLICATIONS

MAY, 2005, Vol 79, No. 5

Review

Variability of Indian monsoon and its rainfall forecasting

S DE, T DATTA, M DE AND A B BHATTACHARYA

Condensed Matter & Materials Physics

Neuro-fuzzy modelling of the strength of thermomechanically processed HSLA steels

S DATTA AND M K BANERJEE

Magnetization studies of spinel oxides $Zn_xNi_{1-x}FeCrO_4$ ($0.2 \leq x \leq 0.8$)

A K M ZAKARIA, M A ASGAR, VICTOR STANCIU AND P SVEDLINDH

Deep level studies of GaN by deep level transient spectroscopy

SANKAR LAL SAHA, MOHAMMAD REZAUL HUQUE KHAN AND NOBUHIKO SAWAKI

Space charge limited positive and negative photoconductivity in CdTe thin films

PRADIP KR KALITA, B K SARMA AND H L DAS

Electrical and microstructural characterization of insulating matrix with conducting particles

SABINA HUSSAIN AND ORFEO SBAIZERO

Dielectrical studies of gel grown zinc tartrate crystals

R M DABHI, BHARAT B PAREKH AND M J JOSHI

Optics & Spectroscopy

Fourier transform infrared and Fourier transform Raman spectra and normal coordinate analysis of benzocaine

S GUNASEKARAN, R K NATARAJAN, R RATHIKA AND D SYAMALA

Plasma Physics

Stimulated Raman scattering instability of laser beam propagating through a collisional plasma in a self-focused filament

GHANSHYAM AND V K TRIPATHI

Speed and shape of electron acoustic solitary waves in plasma

PRASANTA CHATTERJEE, RANJAN KUMAR JANA AND BHOLANATH SEN

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Notes

Differential cross sections for \bar{e} CO elastic scattering

DEO RAJ AND MEETU

Luminescence and upconversion process in $\text{Er}^{3+} : \text{TeO}_2 - \text{Na}_2\text{CO}_3$ glasses

S KOKATE, S K MAHAJAN, V G MACHWE AND A S MEHTA

Enhancement of the transport and dielectric behaviour of pure and blended CPVP by metal ions

M A AHMED, M S ABO ELLIL AND M TAG EL-DINE

Evaluation of dipole moment of hydrogen bonded complexes of alcohols with amines

U S MAHAPATRA, G S ROY, S TRIPATHY AND L MAHARANA